

## ABSTRACT

### CATALYST COMPOSITION AND PROCESS THEREWITH

A composition that can be used as a catalyst is disclosed. The composition  
5 comprises, or is produced by combining, a titanium compound, a glycol, a  
phosphorus compound, and optionally water. Also disclosed is a process that can  
be used for producing a polyester. The process comprises contacting, in the  
presence of a catalyst composition, a carbonyl compound and an alcohol under a  
condition suitable for esterification, transesterification, or polymerization. The  
10 catalyst composition comprises, or is produced by combining, a titanium  
compound, a glycol, a phosphorus compound, and optionally water.